

DF-617 Reverse Automatic Document Feeder

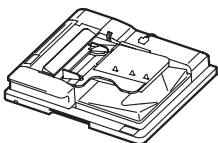
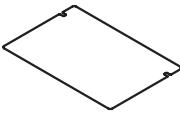
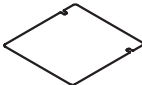
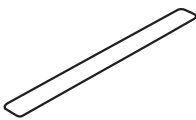

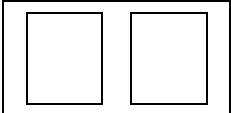


INSTALLATION MANUAL

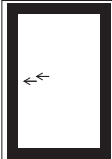
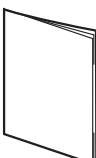
Applied Machines: d-Color MF360/MF280/MF220
 COLOR MFP: 36 ppm/28 ppm/22 ppm
 Product Code: A0ED

Note:

Lifting the machine in an awkward position or transporting it in a poorly balanced position could result in personal injury. When transporting the machine, assign an adequate number of persons to the job and ensure that each person can take a good position of not being excessively loaded. (mass: approx. 16.7 kg (36-3/4 lb))

I. Accessory parts

No.	Name	Shape	Q'ty
1.	Reverse auto- matic docu- ment feeder	 A0HUIXC001DA	1
2.	Protective film (right)	 A01HIXC024DB	1
3.	Protective film (left)	 A01HIXC025DB	1
4.	Film	 A0HUIXC002DA	1
5.	Label A		1
6.	Label B		1
7.	Shoulder screw	 4582U010AA	2
8.	Mounting screw	 4582U011AA	2

No.	Name	Shape	Q'ty
9.	Chart	 9J07IXC048DA	1
10.	Installation manual	 4980IXC019DA	1 set

WARNING



After unpacking, be sure to get rid of the packaging materials and keep them out of the reach of children.

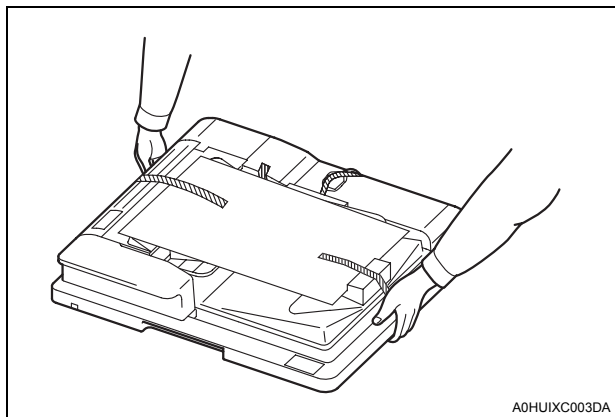
Putting the head in the plastic bag involves danger of suffocation.

Note:

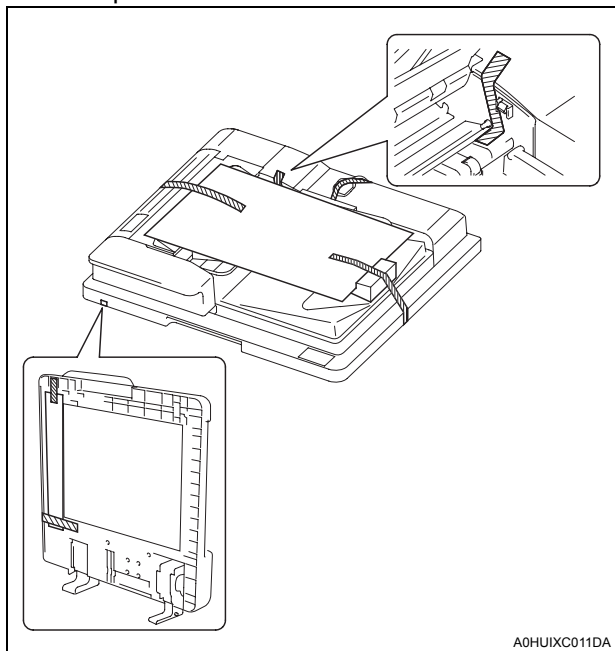
This manual provides the illustrations of the accessory parts and machine that may be slightly different in shape from yours. In that case, instead of the illustrations, use the appearance of your machine to follow the installation procedure. This does not cause any significant change or problem with the procedure.

II. Installation procedures

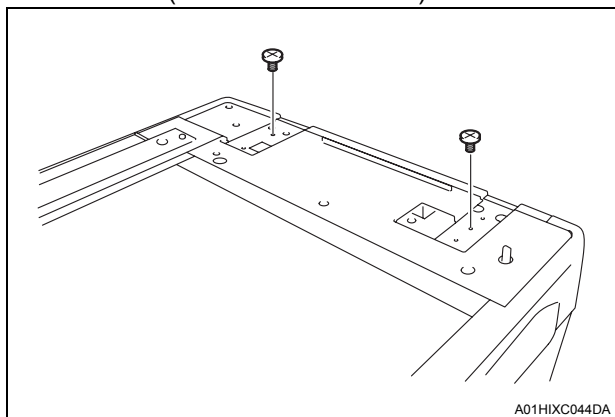
1. Turn off the machine and unplug the power cord from the power outlet.
2. Hold the reverse automatic document feeder as shown in the illustration and remove it from the carton.



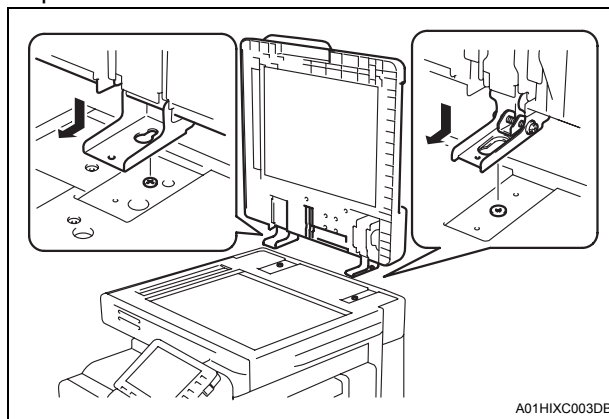
3. Remove the protective tape and shipping preservatives and remove the protective vinyl bag of the hookup cord.



4. Screw two shoulder screws furnished with the reverse automatic document feeder into the holes in the rear (two shoulder screws).



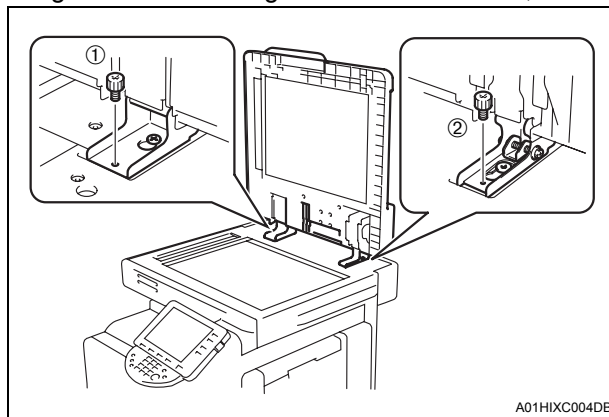
5. Place the reverse automatic document feeder in position.



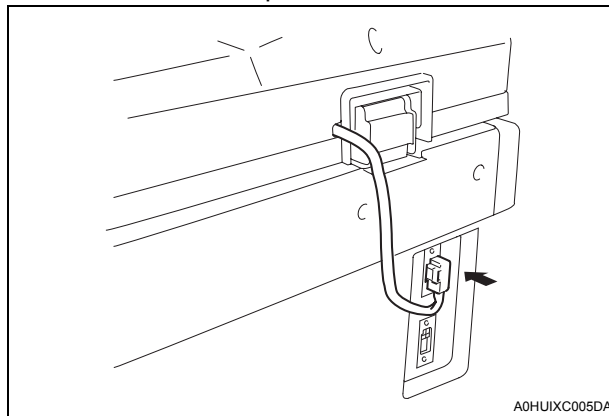
6. Using two mounting screws furnished with the reverse automatic document feeder, tighten the hinges to secure the reverse automatic document feeder in position.

Note:

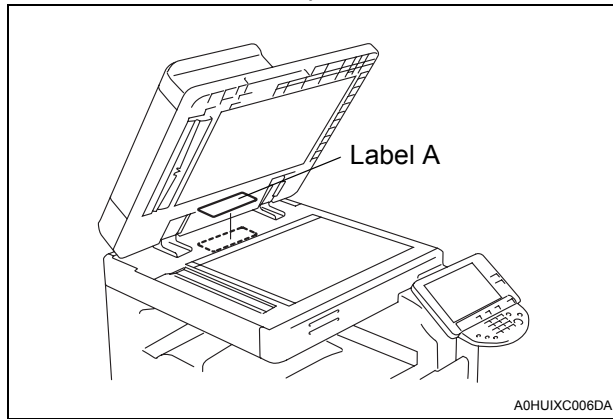
Tighten the mounting screws in order of ①, ②.



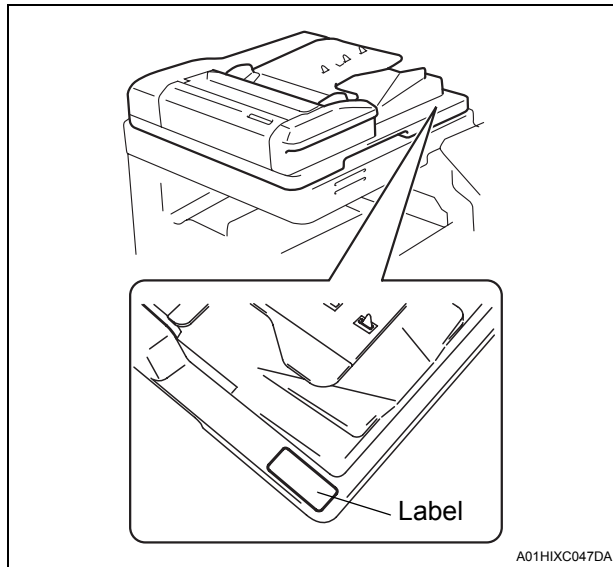
7. Connect the hookup code to the machine.



8. Affix the label A to the position shown below.



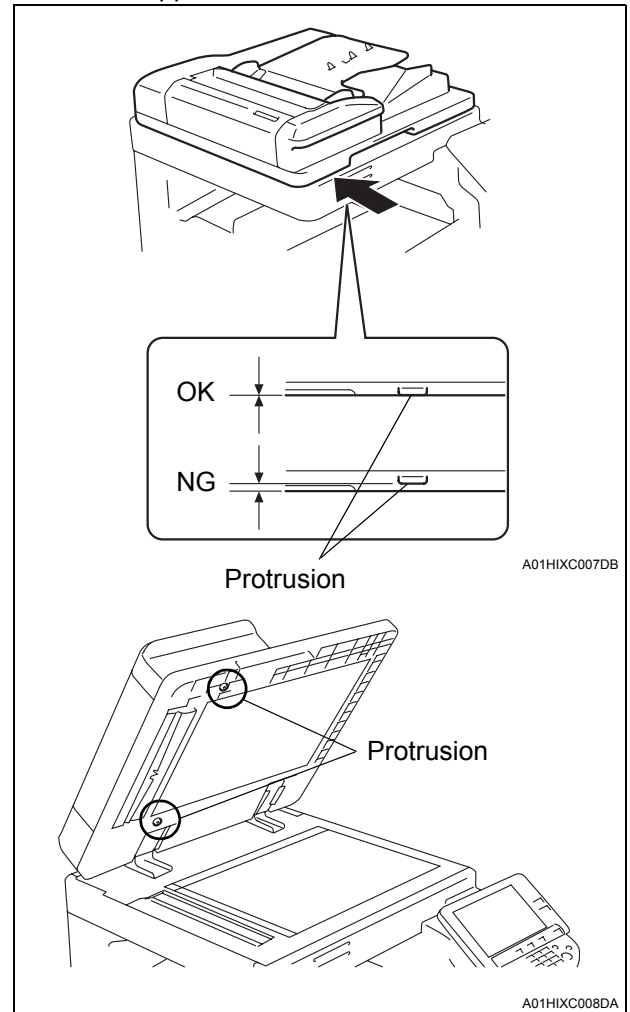
9. Remove the indicated label from the reverse automatic document feeder.



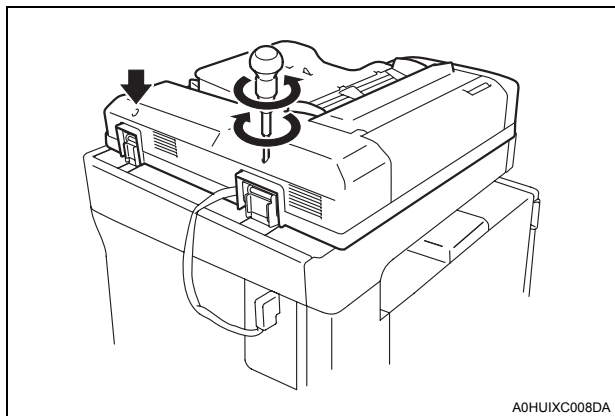
III. Adjusting the height

1. Check the clearance between the upper face of scanner and the protrusion on the reverse automatic document feeder side (2 spots, front/back).

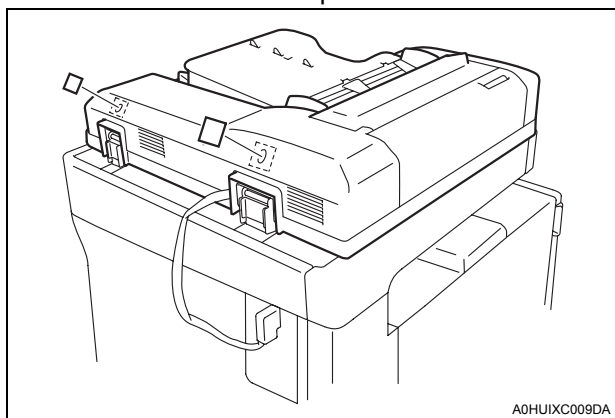
* There must be no clearance between the protrusion on the reverse automatic document feeder and the upper face of scanner.



2. If there is any clearance, adjust the height by turning the adjustment screw on the right side viewed from the back.
 Clockwise: The rear side will move up.
 Counterclockwise: The rear side will move down.
- If further adjustment is required, adjust the height by using the adjustment screw on the left side viewed from the back together.
 Clockwise: The rear side will move up.
 Counterclockwise: The rear side will move down.

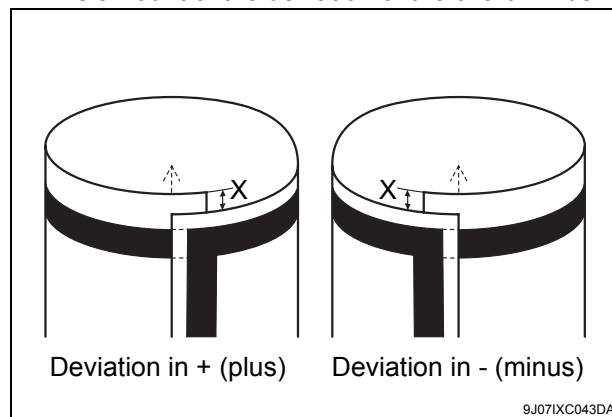


3. Affix the labels B to the position shown below.

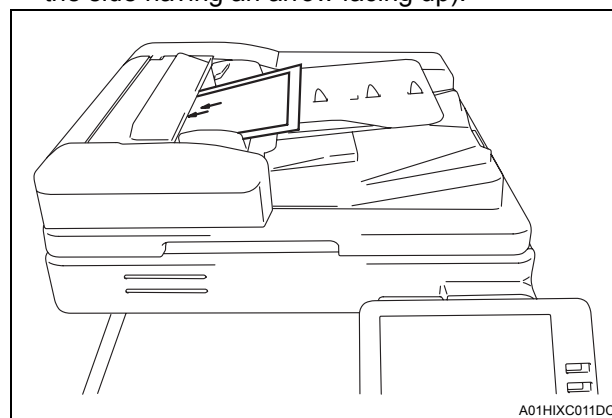


IV. Adjusting skew feed

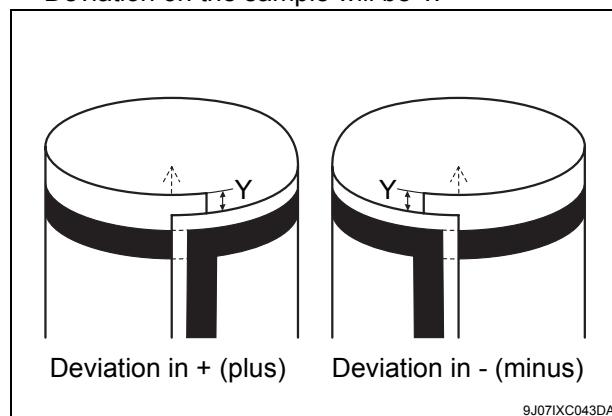
1. Close the reverse automatic document feeder.
2. Plug the power cord into the power outlet and turn on the machine.
3. Check how the edges of the chart are misaligned. The amount of the deviation of the chart will be X.



4. Place the chart in the document feeding tray (with the side having an arrow facing up).



5. Make copies 5 times repeatedly in single side mode.
6. Fold all 5 sample copies as illustrated and check for any deviation. Deviation on the sample will be Y.



7. Obtain the difference between the deviation of the chart and the deviation of the sample.

Difference of the deviation = $Y - X$

Specifications: 0 ± 2 mm

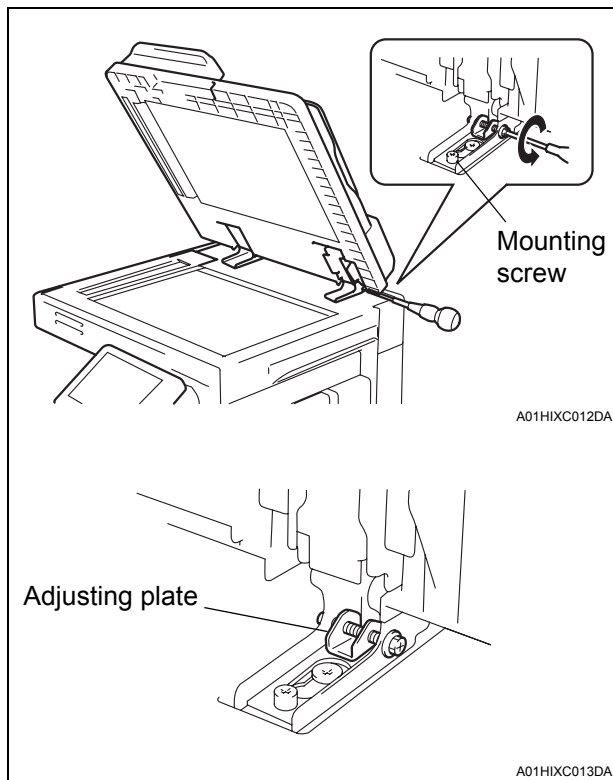
- * If the difference of the deviation does not fall within the specified range, perform the following adjustment.

8. Loosen the mounting screw on the right hinge viewed from the front.

9. When the difference of the deviation is + (plus), turn the screw counterclockwise to adjust.

Note:

- When turning the screw, be sure not to raise the reverse automatic document feeder until in an upright position.
- When the adjusting plate is set far left, do not tighten any further.
- * To prevent the adjustment screw breakage, be sure to follow the above instructions.

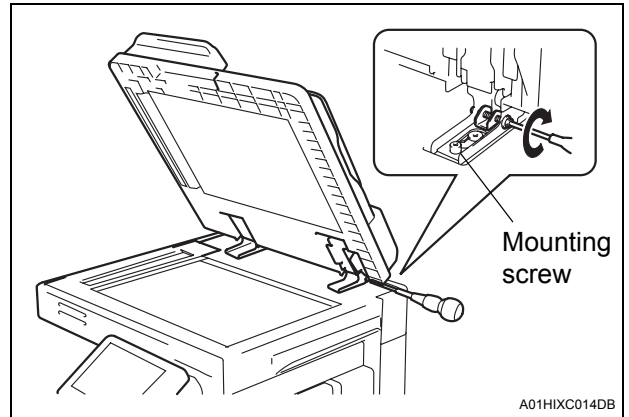


10. When the difference of the deviation is - (minus), turn the screw clockwise to adjust.

Note:

When turning the screw, be sure not to raise the reverse automatic document feeder until in an upright position.

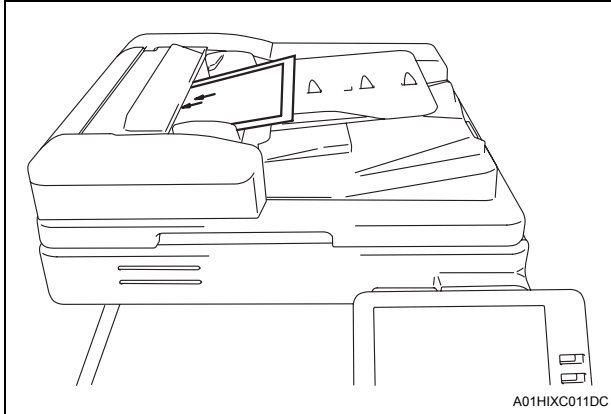
- * To prevent the adjustment screw breakage, be sure to follow the above instructions.



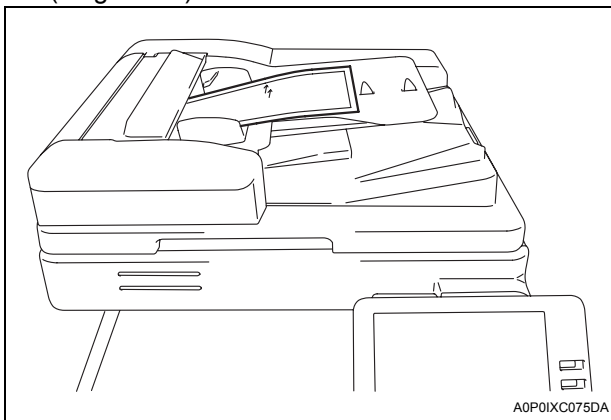
11. After the adjustment is completed, tighten the mounting screws on right side hinge securely with screwdriver.

V. Adjusting the document stop position

1. Display the Service Mode screen.
(For details of how to display the Service Mode screen, see the service manual.)
2. Touch "ADF."
3. Touch "Feed Zoom."
4. Touch "Auto Adjust."
5. Place the chart in the document feeding tray (with the side having an arrow facing up).

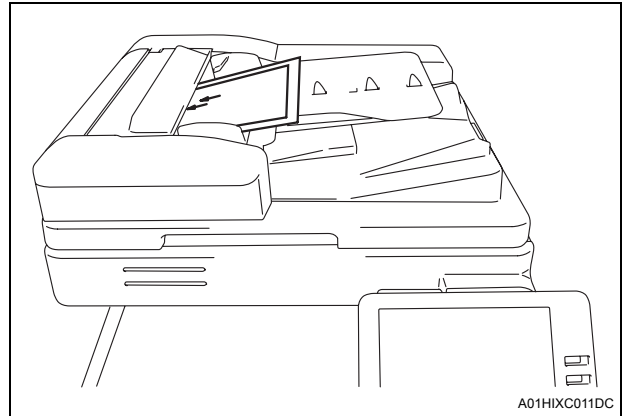


6. Press the Start key.
7. Check that "Adjustment Result" is "OK" and then touch "SET."
8. Touch "END."
9. Touch "Mixed original size adjustment."
10. Place the chart in the document feeding tray (lengthwise).

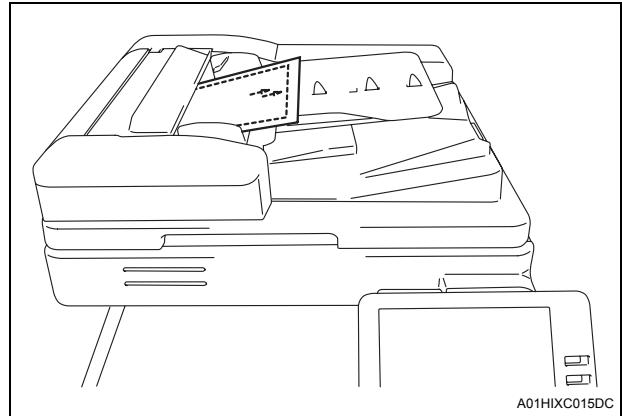


11. Press the Start key.
12. Check that "Adjustment Result" is "OK".
13. Touch "END."
14. Touch "Auto Stop Position Adjustment."
15. Touch "Sub Scanning Direction 1-Side."

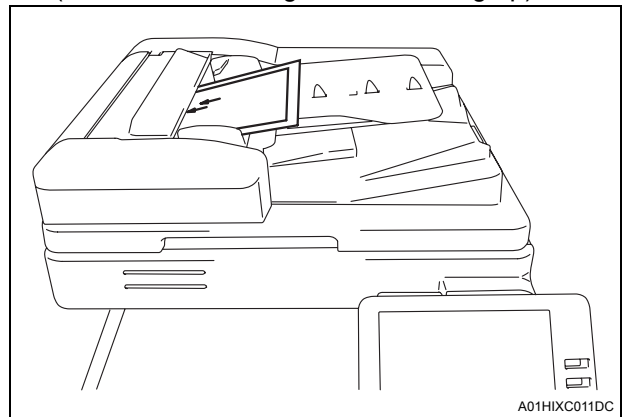
16. Place the chart in the document feeding tray (with the side having an arrow facing up).



17. Press the Start key.
18. Check that "Adjustment Result" is "OK" and then touch "SET."
19. Touch "Sub Scanning Direction 2-Side."
20. Place the chart in the document feeding tray (Make sure that the blank surface of the chart faces up).

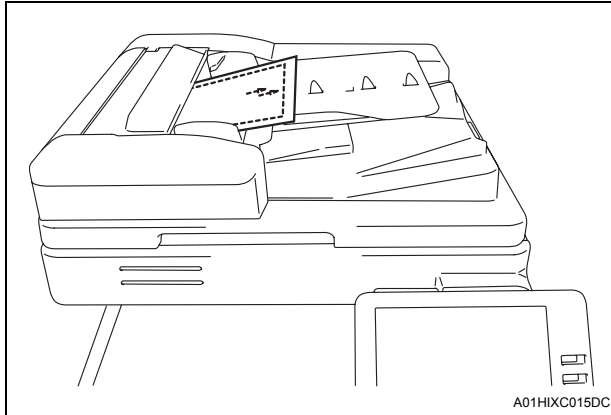


21. Press the Start key.
22. Check that "Adjustment Result" is "OK" and then touch "SET."
23. Touch "Main Scanning (Front)."
24. Place the chart in the document feeding tray (with the side having an arrow facing up).



25. Press the Start key.
26. Check that "Adjustment Result" is "OK" and then touch "SET."
27. Touch "Main Scanning (Back)."

28. Place the chart in the document feeding tray (Make sure that the blank surface of the chart faces up).

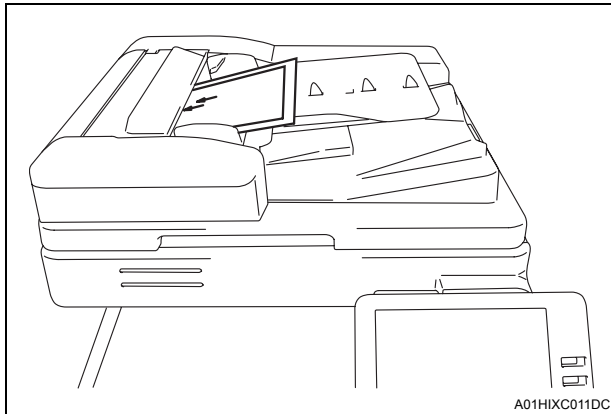


29. Press the Start key.
 30. Check that "Adjustment Result" is "OK" and then touch "SET."
 31. Touch "END."
 32. Touch "Exit" on the Service Mode screen.
 33. Turn OFF and ON the Main Power Switch.

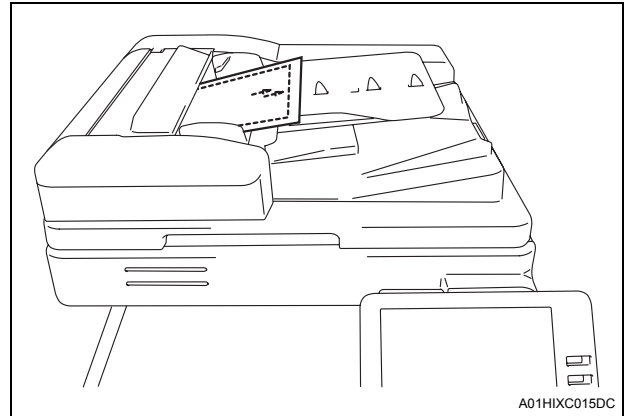
Note:

When displayed the Service Mode screen, be sure to turn off the main power after exiting the Service Mode screen and wait for 10 seconds or more before turning on.

34. When all the adjustments are completed, set the chart to the document feed tray (with the side with an arrow facing up), and take the sample copy at the same magnification.



35. Set the chart face down and take the sample copy (duplex mode).

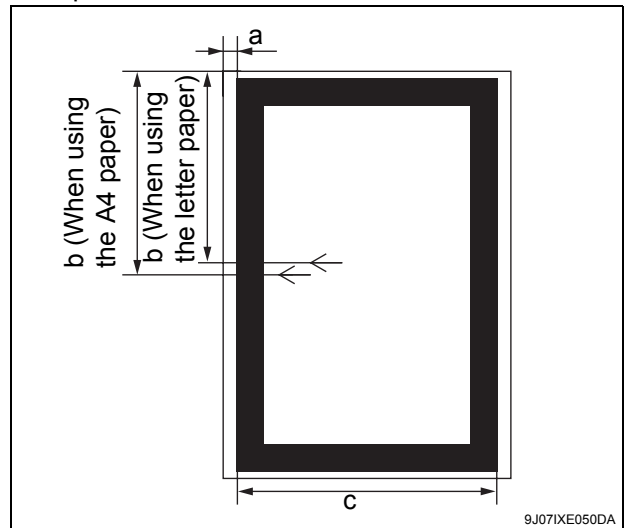


36. Measure the values "a", "b" and "c" of the chart and the sample copy.
 When measuring the value "a", use the sample copies which printed in step 34 and 35.
 37. Check to make sure that the difference of the chart and the sample copy is within the specified range.

Specifications a: 0 ± 2.0 mm for the first and the second page

Specifications b: 0 ± 2.0 mm

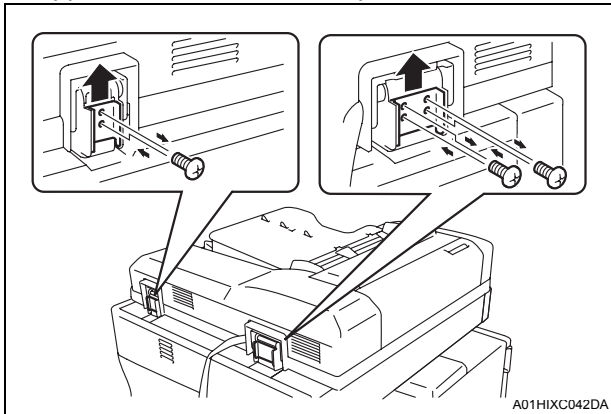
Specifications c: 0 ± 1.0 mm



* If difference in the values is out of specifications, refer to the service manual and make adjustments.

VI. Changing the stopper position

1. Remove the stopper from the hinge of the reverse automatic document feeder.
2. Change the set position of the stopper to the upper side and secure it in position.

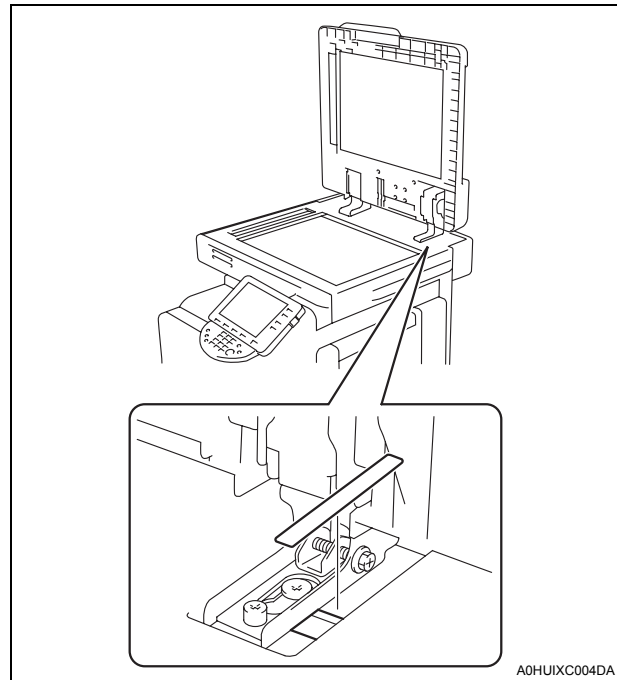


VII. Affix films

1. Affix the film to the right of the hinge.

Note:

Block the hole with the film.



2. Affix protective films (left/right).

Note:

Align the notch of protective film with the "A" of mounting face.

